



# 2001 Toxics Release Inventory

## WISCONSIN

### Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	32,087,466
Air Emissions	25,139,472
Surface Water Discharges	4,033,349
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	43,034
Other On-site Land Releases	2,871,611
Off-site Releases (Transfers Off-site to Disposal)*	14,721,061
<b>Total On- and Off-site Releases</b>	<b>46,808,527</b>
Recycled On-site	35,376,355
Recycled Off-site	50,653,416
Energy Recovery On-site	12,651,183
Energy Recovery Off-site	19,038,396
Treated On-site	114,303,043
Treated Off-site**	13,600,784
Quantity Released On- and Off-site***	48,914,984
<b>Total Production-related Waste Managed</b>	<b>294,538,161</b>
<b>Non-production-related Waste Managed</b>	<b>124,326</b>
<b>Transfers Off-site for Further Waste Management, including Disposal</b>	
Recycling	50,344,947
Energy Recovery	18,654,747
Treatment	8,224,804
Publicly Owned Treatment Works (POTWs)	5,909,611
Metals and Metal Category Compounds*	47,015
Non-metal TRI Chemicals**	5,862,596
Other Off-site Transfers****	6,882
Transfers Off-site to Disposal (not including metals to POTWs)	16,149,098
<b>Total Transfers Off-site for Further Waste Management, including Disposal</b>	<b>99,290,088</b>

\* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Transfers to POTWs of non-metals are included in treated off-site waste management activity.

\*\*\* Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

\*\*\*\* Transfers reported without a valid waste management code.

### For More Information . . .

#### State Contact

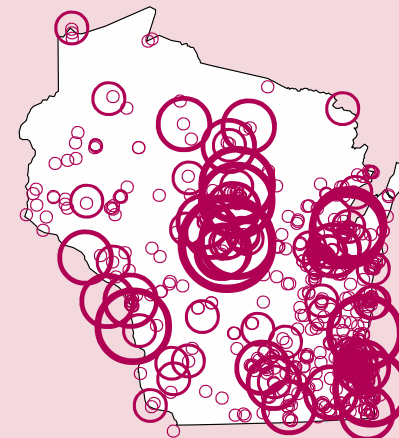
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#### EPA Regional Contact

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USEPA Region 5 (DT- 8J)  
77 West Jackson Boulevard  
Chicago, IL 60604  
(312) 886- 6219  
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#### To obtain TRI data use

assistance, call TRI User  
Support Service (TRI-US):  
(202) 566-0250  
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Wisconsin. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

#### State/TRI Data

Population	5,405,947
Square Miles	54,314
Total Facilities	931
Total Forms	3,080
Form As	352

	Total
<b>National Rank for Total On- and Off-site Releases*</b>	
Rank	28
Pounds	46,808,527
<b>National Rank for Total On-site Releases**</b>	
Rank	31
Pounds	32,087,466
<b>National Rank for Total Releases within State***</b>	
Rank	28
Pounds	48,963,278
<b>National Rank for Production-related Waste Managed</b>	
Rank	29
Pounds	294,538,161

\* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Includes amounts released at the facility. Excludes amounts transferred to other sites.

\*\*\* Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



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## WISCONSIN

### On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	6,301,534	0	0	0	0	6,301,534	0	0	0
67-56-1	Methanol	4,615,486	70,494	0	19,169	4,085	4,709,234	96	4,085	0
—	Zinc compounds	56,022	4,975	0	192,559	4,369,991	4,623,547	947,604	3,282,247	1,087,744
—	Nitrate compounds	620	3,681,739	0	255,018	464,707	4,402,084	5,344	464,707	0
—	Barium compounds	42,564	8,130	0	1,493,087	2,582,125	4,125,906	168,108	1,653,946	928,179

### On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Lead compounds	25,633.62	3,877.82	0.00	78,219.31	284,841.98	392,572.73	288,961.58	233,918.88	61,923.52
7439-92-1	Lead	16,502.46	91.69	0.00	3,990.31	97,166.10	117,750.55	2,956.80	91,598.21	5,567.89
—	Mercury compounds	3,083.39	5.60	0.00	207.39	436.16	3,732.54	1,652.48	376.76	59.40
—	Polycyclic aromatic compounds	1,481.11	44.70	0.00	49.62	1,512.65	3,088.08	189.00	1,471.67	40.98
79-94-7	Tetrabromobisphenol A	0.00	0.00	0.00	635.00	635.00	1,270.00	0.00	635.00	0.00
7439-97-6	Mercury	319.72	0.32	0.00	17.90	647.84	985.78	5.12	82.84	565.00
1336-36-3	Polychlorinated biphenyls (PCBs)	2.15	0.00	0.00	0.00	79.00	81.15	1,295.00	79.00	0.00
191-24-2	Benzo(g,h,i)perylene	11.80	0.00	0.00	2.06	25.01	38.86	9.27	22.65	2.36
—	Dioxin and dioxin-like compounds	0.11	0.01	0.00	0.01	0.02	0.15	0.01	0.02	0.00
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>51.997</i>	<i>2.763</i>	<i>0.000</i>	<i>2.354</i>	<i>8.726</i>	<i>65.839</i>	<i>5.036</i>	<i>8.726</i>	<i>0.000</i>
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
118-74-1	Hexachlorobenzene	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	Trifluralin	—***	—	—	—	—	—	—	—	—

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\*\* No reports were submitted for these chemicals.

\*\* The chemical ranking is based on the amounts in this column.



# 2001 Toxics Release Inventory

## WISCONSIN

### On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Stora Enso N.A. Wisconsin Rapids Pulp Mill, Wisconsin Rapids, Wood	2,705,037	1,400	0	0	0	184,542	2,890,979	95,885	0
Fort James Operating Co., Green Bay, Brown	914,937	460,552	0	0	0	0	1,375,489	62,446	0
Port Washington Power Plant, Port Washington, Ozaukee	1,264,193	82	0	0	0	0	1,264,275	8,781	5,455
Wausau-Mosinee Paper Corp. Brokaw Mill, Brokaw, Marathon	223,671	955,516	0	0	0	0	1,179,187	121	0
Dairyland Power Co-Op. Genoa Site, Genoa, Vernon	1,103,363	17	0	0	0	123	1,103,503	171,014	0
Pulliam Power Plant, Green Bay, Brown	198,141	71	0	0	0	662,339	860,551	0	0
Oak Creek Power Plant, Oak Creek, Milwaukee	648,911	6,301	0	0	0	191,663	846,875	201,652	827,630
Weston Power Plant, Rothschild, Marathon	222,689	8	0	0	0	608,444	831,140	0	0
McCain Foods USA Inc., Plover, Portage	5,585	798,625	0	0	0	0	804,210	0	0
Domtar A.W. Corp. Nekoosa Mill, Nekoosa, Wood	455,377	205,710	0	0	0	49,633	710,721	9,233	32,004

### On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
3M Wausau Greystone, Wausau, Marathon	8.60	20.00	0.00	0.00	0.00	25,000.00	25,028.60	0.00	0.00
U.S. Army Fort McCoy, Fort McCoy, Monroe	153.70	0.00	0.00	0.00	0.00	19,604.00	19,757.70	0.00	0.00
Kohler Co. Cast Iron Div., Kohler, Sheboygan	8,219.00	9.85	0.00	0.00	0.00	0.00	8,228.85	5,987.29	1.66
Stora Enso N.A. Wisconsin Rapids Pulp Mill, Wisconsin Rapids, Wood	332.20	0.00	0.00	0.00	0.00	7,541.70	7,873.90	6,084.90	0.00
Pulliam Power Plant, Green Bay, Brown	280.90	4.70	0.00	0.00	0.00	6,339.20	6,624.80	0.00	0.00
Western Lime Corp. Green Bay Facility, Green Bay, Brown	6,065.20	0.00	0.00	0.00	0.00	0.00	6,065.20	0.00	0.00
Weston Power Plant, Rothschild, Marathon	291.80	2.60	0.00	0.00	0.00	4,943.60	5,238.00	0.00	0.00
Western Lime Corp. Eden Facility, Eden, Fond du Lac	4,331.47	0.00	0.00	0.00	0.00	0.00	4,331.47	0.00	0.00
International Paper Kaukauna Facility, Kaukauna, Outagamie	137.40	17.91	0.00	0.00	0.00	3,945.65	4,100.96	0.00	0.00
Manitowoc Public Utilities, Manitowoc, Manitowoc	4,080.31	0.00	0.00	0.00	0.00	0.00	4,080.31	1,238.10	22.40

\* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



# 2001 Toxics Release Inventory

## WISCONSIN

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Stora Enso N.A. Wisconsin Rapids Pulp Mill, Wisconsin Rapids, Wood	0	0	2,067,970	0	2,200,000	6,456,540	2,986,309	13,710,819	0
Waupaca Fndy. Inc. Plant 2/3, Waupaca, Waupaca	0	685,680	0	0	105,400	6,394	2,154,421	2,951,895	0
Charter Steel - Saukville, Saukville, Ozaukee	0	952,653	0	0	200,000	191,000	1,937,400	3,281,053	2,800
Oak Creek Power Plant, Oak Creek, Milwaukee	0	0	0	0	0	0	1,841,958	1,841,958	0
Fort James Operating Co., Green Bay, Brown	0	0	292	0	273,100	0	1,437,712	1,711,104	0
Neenah Fndy. Co., Neenah, Winnebago	0	0	0	0	0	0	1,349,054	1,349,054	0
Edgewater Generating Station, Sheboygan, Sheboygan	0	0	0	0	15,000	0	1,327,631	1,342,631	0
Port Washington Power Plant, Port Washington, Ozaukee	0	0	0	0	0	0	1,278,511	1,278,511	0
Dairyland Power Co-Op. Genoa Site, Genoa, Vernon	0	0	0	0	0	0	1,274,777	1,274,777	0
Wausau-Mosinee Paper Corp. Brokaw Mill, Brokaw, Marathon	0	0	0	0	751,091	0	1,179,307	1,930,398	0

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Waupaca Fndy. Inc. Plant 2/3, Waupaca, Waupaca	0.00	1,250.00	0.00	0.00	0.00	0.00	81,150.00	82,400.00	0.00
Waupaca Fndy. Inc. Plant 1, Waupaca, Waupaca	0.00	0.00	0.00	0.00	0.00	0.00	62,700.00	62,700.00	0.00
Neenah Fndy. Co., Neenah, Winnebago	0.00	0.00	0.00	0.00	0.00	0.00	45,854.00	45,854.00	0.00
Charter Steel - Saukville, Saukville, Ozaukee	0.00	3.00	0.00	0.00	0.00	0.00	29,000.00	29,003.00	0.00
3M Wausau Greystone, Wausau, Marathon	0.00	0.00	0.00	0.00	0.00	0.00	25,000.00	25,000.00	0.00
U.S. Army Fort McCoy, Fort McCoy, Monroe	0.00	0.00	0.00	0.00	0.00	0.00	19,834.00	19,834.00	0.00
Scot Inds., Muscoda, Grant	0.00	0.00	0.00	0.00	0.00	0.00	17,984.00	17,984.00	0.00
Northern States Power Co. Wisconsin (French Island), La Crosse, La Crosse	0.00	0.00	0.00	0.00	0.00	0.00	15,771.00	15,771.00	0.00
Kohler Co. Cast Iron Div., Kohler, Sheboygan	36,838.00	1.00	0.00	0.00	0.00	0.00	14,218.00	51,057.00	0.00
Stora Enso N.A. Wisconsin Rapids Pulp Mill, Wisconsin Rapids, Wood	0.00	0.00	0.00	0.00	0.00	0.00	13,959.00	13,959.00	0.00

\* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.